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CU Teach Mathematics Master Teacher
 University of Colorado Boulder School of Education
 249 UCB, Boulder, CO 80309

PROFESSIONAL PROFILE

- Currently working as the Mathematics Master Teacher in the CU Teach program at the University of Colorado Boulder
- Mathematics educator with 21 years of experience in K-12 classroom mathematics as a teacher, instructional specialist, and professional development instructor.
- Doctoral candidate accomplished in all aspects of pre-service teacher recruitment, instruction, mentorship, and field experience
- Collaborative, innovative, and passionate

EDUCATION

PRESENT	Ph.D.	Mathematics Curriculum & Instruction, University of Colorado Boulder
2004	M.A.	Technology in Education, Lesley University
1995	B.A.	Mathematics, University of Colorado Boulder
1995	Certification	Secondary Mathematics, University of Colorado Boulder

K-12 TEACHING EXPERIENCE

- Mathematics Teacher, Middle School, All Levels, Boulder Valley School District (1995 – 2008, 2013 – 2016)

TEACHER PROFESSIONAL DEVELOPMENT LEADERSHIP

- Design Team / PD Facilitator, Learning and Teaching Geometry, 2010-2013, University of Colorado Boulder
- Instructor, 6th Grade Mathematics Standards Cohort, 2012-2013, Boulder Valley School District
- PD Consultant, Secondary Mathematics Professional Development, 2012-2013, Summit School District
- District Mathematics Specialist/Coach, Boulder Valley School District, 2005 – 2011
- Instructor, Providing Access to Middle School Mathematics, 2008-2010, Boulder Valley School District
- Design Team / Facilitator, BPEME Summer Institutes, 2006-2008, Boulder Valley School District
- Instructor, Investigations Implementation Training, 2005-2006, Boulder Valley School District

HONORS AND AWARDS

- 100Kin10 Partner Summit nominee and attendee, 2016
- Graduate Student Teaching Excellence Award, University of Colorado Boulder, 2012-2013
- Project leader, Foundation for Boulder Valley Schools Tech 21 Grant: “Clicking for Understanding in Math: Closing the Achievement Gap”, 2005-2008.
- Project leader, Foundation for Boulder Valley Schools Tech 21 Grant: “Connecting Mathematics and the World: An Online Learning Community”, 2004.
- Verizon GIFT Fellow, Growth Initiative for Teachers (GIFT) Award, “From Rolling Grassland to High Tech Suburban Community: Establishing Baseline Earth System Science Data for the Town of Superior—Colorado’s Fastest Growing City during the Past Decade”, 2001.

UNIVERSITY TEACHING EXPERIENCE

- Instructor, Elementary Mathematics Theory and Methods, University of Colorado Boulder (2009-2013)
- Instructor, CU Teach Step 1 Inquiry Approaches to Teaching, University of Colorado Boulder (2010)
- Instructor, CU Teach Step 2 Math/Science Inquiry-Based Lesson Design, UC Boulder (2010, 2016-present)
- Instructor, CU Teach Problem-Based Instruction, UC Boulder (2016-present)
- Instructor, Teaching K-12 Mathematics: Geometry & Measurement, University of Colorado Boulder (2013, present)
- Instructor, Teaching K-12 Mathematics: Statistics & Probability, University of Colorado Boulder (2012)
- Instructor, Teaching K-12 Mathematics: Number Sense, University of Colorado Boulder (2011, 2016)

RELEVANT PUBLICATIONS

- Peck, F., & Matassa, M. (2016). Reinventing fractions and division as they are used in algebra: the power of preformal productions. *Educational Studies in Mathematics*, 1-34.
- Hand, V., Kirtley, K., & Matassa, M. (2015). Narrowing Participation Gaps. *Mathematics Teacher*, 109(4), 262-268.
- Seago, N., Jacobs, J., Driscoll, M., Nikula, J., Matassa, M., & Callahan, P. (2013). Developing teachers' knowledge of a transformations-based approach to geometric similarity. *Mathematics Teacher Educator*, 2(1), 74-85.
- Migozuchi, T., F. Peck, and M. Matassa. "Developing robust understandings of slope." *Elementary Mathematics Teaching Today* (2013): 31-32.
- Matassa, M., & Peck, F. (2012). Rise over run or rate of change? Exploring and expanding student understanding of slope in Algebra I. In *Proceedings of the 12th International Congress on Mathematics Education* (pp. 7440-7445).
- Matassa, M. (2006). Just a Click Away. *Ed Tech Focus on K-12*, March/April, 19-21.

PRESENTATIONS

- Abels, M., Matassa, M.S., & Johnson, R. (2013). Making Sense of Algebra with Realistic Mathematics Education, Gallery Workshop Presentation, NCTM Annual Meeting, Denver, CO.
- Matassa, M.S. & Peck F. (2012). Beyond Rise Over Run: Developing Robust Understandings of Slope, Workshop Presentation, International Congress on Mathematical Education, Seoul, South Korea.
- Matassa, M.S. & Rubini L.G. (2009). Perspectives on How Math Coaches Build Assessment & Instructional Practices (K-8), Presentation, Colorado Council of Teachers of Mathematics Conference, Denver, CO.
- Matassa, M.S. & Larson, P. (2009). Providing Access for Struggling Learners : Bridging the Gap with Tools. Presentation, Realistic Mathematics Education Conference, Boulder, CO.
- Larson, P., Matassa, M.S. (2009). Providing Access for Struggling Learners : Bridging the Gap with Tools. Presentation, National Council of Teachers of Mathematics Annual Conference, Washington, D.C.
- Matassa, M.S. (2008). Providing Access for Struggling Learners : Bridging the Gap with Tools. Presentation, Colorado Council of Teachers of Mathematics Conference, Denver, CO.

ADDITIONAL PROFESSIONAL ACTIVITIES

- Curriculum Design Consultant, Woot Math, 2016
- Curriculum Writing Consultant, Bridges in Mathematics K-2 Math, 2nd Edition, 2011-2012, Mathematics Learning Center (MLC).
- Consultant and pilot teacher, *Inside Math* program by Dr. Jeff Frykholm, 2007, Cambium Learning.